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From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
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Ham-Ant Digest Wed, 12 Oct 94 Volume 94 : Issue 342

Today's Topics:

 Dipole against window grills, can I do it?
 Military 225-400 band antenna
 Static Buster info ???

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Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 12 Oct 1994 04:16:16 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Dipole against window grills, can I do it?

In article <36t7kc\$apu@nova.np.ac.sg>, Teh Aik Wen <s2202629@np.ac.sg>
wrote:

>This might seem to be a newbie question, perhaps it's because I do
happen to
>be one.

>

>I live in an apartment, and I'm on the 6th storey. I wish to string up
a

>dipole _indoors_. It will be for 2m use. Is this advisable, or should I
try

>to put it outdoors? Just how much wire do I need?

>

>I was thinking of hooking it up against my window grills, horizontal to
the

>ground. Would this pose as a problem? The grills are made of aluminium.

>

>Must an antenna (dipole) be horizontal to the earth? Can I string one
up
>vertically? What would happen if I did something like that?
>

An indoor dipole will work pretty well on two meters, especially up six stories. Here in the states, vertical polarization is used for local contacts, especially on FM, but in your area it may be different. Don't worry about it, just put it up and ask the first guy you talk to. Do keep it away from anything metal like your grill. Two meter RF will penetrate wood or plasterboard fairly well, but if there is metal in the walls such as stucco wire, it would be best to put the antenna outside any way you can. Each half of the dipole should be about 19 inches long, which I believe is about 48.25 cm. If you have an SWR meter, make the wires a wee bit long (5% or so) and cut them a mm at a time until the SWR is as low as possible. If you don't have an SWR meter, don't worry about it, just make them 19 inches and it will work fine. Be careful how you support the dipole - anything of wire or metal will detune it to some extent. Since it's indoors, a piece of string coming down from the ceiling would be fine.

Don't be afraid to experiment with it. That's half the fun of ham radio!

Good luck, W7LZP

Date: 12 Oct 1994 00:01:03 -0400
From: judithg560@aol.com (JudithG560)
Subject: Military 225-400 band antenna

In article <2AUG199415323129@vax2.concordia.ca>, hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:

For such very-wideband reception (or transmission) use a discone. It has no gain over a 1/4 wave ground plane, but it has extreme bandwidth. This is why you will see them in use at all military airfields.

Date: Tue, 11 Oct 1994 18:47:07 GMT
From: millersg@dma.pub.dma.org (Steve (Stephen) G. Miller)
Subject: Static Buster info ???

I'm trying to find some information on a product called a Static Buster. I first saw this product at the Dayton Hamvention about 3.5 years ago. I have some old literature but that phone number (in Elizabethtown, KY) is no longer good. The company which sold them was not at the 1994 Hamvention. The static buster bleeds electrostatic charge from antennas or other conducting structures. It resembles a slim "rubber duck" antenna in appearance. Similar devices are used to drain charge from aircraft. If anyone has a newer address/phone number for the static buster or the callsign of the company owner it would be greatly appreciated. Thanks in advance, Steve WD8IXE.

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+=====+
| Time keeps on slippin' | Steve Miller (the other one) WD8IXE |
| into the future ....  | Box 340277 Beaver creek, OH 45434    |
| (Steve Miller)        | Email: millersg@dma.org      |
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End of Ham-Ant Digest V94 #342
